

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptaul29sxx

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 AUG 15 CAOLD to be discontinued on December 31, 2008
NEWS 3 OCT 07 EPFULL enhanced with full implementation of EPC2000
NEWS 4 OCT 07 Multiple databases enhanced for more flexible patent
number searching
NEWS 5 OCT 22 Current-awareness alert (SDI) setup and editing
enhanced
NEWS 6 OCT 22 WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT
Applications
NEWS 7 OCT 24 CHEMLIST enhanced with intermediate list of
pre-registered REACH substances
NEWS 8 NOV 21 CAS patent coverage to include exemplified prophetic
substances identified in English-, French-, German-,
and Japanese-language basic patents from 2004-present
NEWS 9 NOV 26 MARPAT enhanced with FSORT command
NEWS 10 NOV 26 MEDLINE year-end processing temporarily halts
availability of new fully-indexed citations
NEWS 11 NOV 26 CHEMSAFE now available on STN Easy
NEWS 12 NOV 26 Two new SET commands increase convenience of STN
searching
NEWS 13 DEC 01 ChemPort single article sales feature unavailable
NEWS 14 DEC 12 GBFULL now offers single source for full-text
coverage of complete UK patent families
NEWS 15 DEC 17 Fifty-one pharmaceutical ingredients added to PS

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

***** STN Columbus *****

FILE 'HOME' ENTERED AT 09:56:53 ON 29 DEC 2008

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 09:57:07 ON 29 DEC 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 26 DEC 2008 HIGHEST RN 1090514-45-6

DICTIONARY FILE UPDATES: 26 DEC 2008 HIGHEST RN 1090514-45-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10993344.str



```

chain nodes :
15 16 17 18
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14
chain bonds :
15-16 17-18
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13
13-14
exact/norm bonds :
15-16 17-18
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13
13-14

```

G1:i-Pr,i-Bu,s-Bu,t-Bu

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom

```

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



G1 i-Pr, i-Bu, s-Bu, t-Bu

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 09:57:26 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2656 TO ITERATE

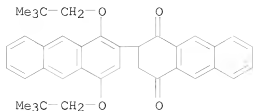
75.3% PROCESSED 2000 ITERATIONS 10 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 50029 TO 56211
PROJECTED ANSWERS: 47 TO 483

L2 10 SEA SSS SAM L1

=> d l2 5-10

L2 ANSWER 5 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN
RN 683223-65-6 REGISTRY
ED Entered STN: 19 May 2004
CN [2,2'-Bianthracene]-1,4-dione, 1',4'-bis(2,2-dimethylpropoxy)-2,3-dihydro-
(CA INDEX NAME)
MF C38 H38 O4
SR Chemical Library
Supplier: Rare Chemicals GmbH
LC STN Files: CHEMCATS

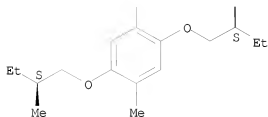


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 ANSWER 6 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN
RN 413571-35-4 REGISTRY
ED Entered STN: 12 May 2002
CN Anthracene, 9,10-bis[2-[4-[(1E)-2-[4-methyl-2,5-bis[(2S)-2-methylbutoxy]phenyl]ethenyl]-2,5-bis[(2S)-2-methylbutoxy]phenyl]ethynyl]-(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Anthracene, 9,10-bis[[4-[(1E)-2-[4-methyl-2,5-bis[(2S)-2-methylbutoxy]phenyl]ethenyl]-2,5-bis[(2S)-2-methylbutoxy]phenyl]ethynyl]-(9CI)
FS STEREOSEARCH
MF C88 H114 O8
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.
Double bond geometry as shown.

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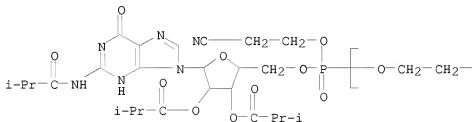


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

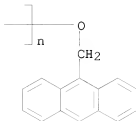
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 7 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 200575-29-7 REGISTRY
 ED Entered STN: 29 Jan 1998
 CN Poly(oxy-1,2-ethanediyl), α -[P-(2-cyanoethyl)-N-(2-methyl-1-oxopropyl)-2',3'-bis-O-(2-methyl-1-oxopropyl)-5'-guanylyl]- ω -(9-anthracenylmethoxy)- (9CI) (CA INDEX NAME)
 DR 222726-26-3
 MF (C2 H4 O)_n C40 H45 N6 O11 P
 CI PMS
 PCT Polyether
 SR CA
 LC STN Files: CA, CAPLUS

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2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 8 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN
RN 174850-82-9 REGISTRY
ED Entered STN: 09 Apr 1996
CN 1,2a,4a,6,7,8a,10a,12,13,14a,16a,18,19,20a,22a,24,25,26a,28a,30,31,32a,34a
36-Tetracosazahexakiscyclopent[1,8]azuleno[5,6-a:5',6'-d:5'',6''-
g:5''',6'''-j:5''',6'''-m:5''',6'''-p]coronene-
6a,8b,12a,14b,18a,20b,24a,26b,30a,32b,36a,36b-dodecacarboxylic acid,
1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28
29,30,31,32,33,34,35,36-hexatriacontahydro-
2,5,8,11,14,17,20,23,26,29,32,35-dodecaoxo-, dodecakis(3-methylbutyl)
ester, (6aa,8ba,12aβ,14bβ,18aa,20ba,24a.
beta.,26bβ,30aa,32ba,36aβ,36bβ)-, compd. with
benzene (1:1) (9CI) (CA INDEX NAME)
MF C132 H168 N24 O36 . C6 H6
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 174782-72-0

CMF C132 H168 N24 O36

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 71-43-2

CMF C6 H6



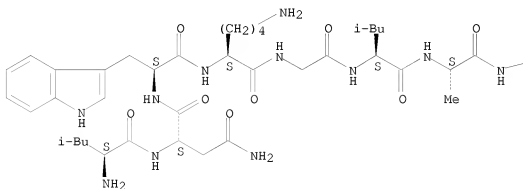
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 9 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN
RN 159658-88-5 REGISTRY
ED Entered STN: 20 Dec 1994
CN L-Serinamide, L-leucyl-L-asparaginyl-L-tryptophyl-L-lysylglycyl-L-leucyl-L-
alanyl-L-alanyl-L-leucyl-L-alanyl-L-lysyl-L-lysyl-L-leucyl-O-(9-
anthracenylmethyl)- (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C86 H132 N20 O16
SR CA
LC STN Files: CA, CAPLUS

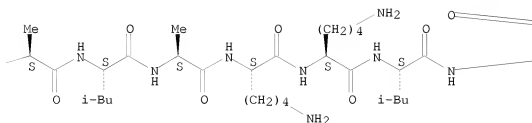
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

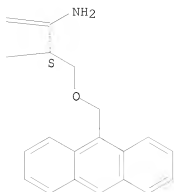
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PAGE 1-C

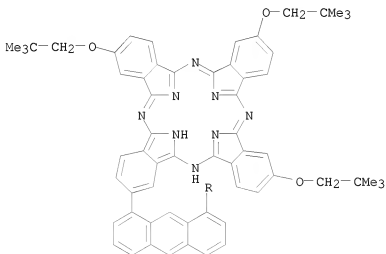


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

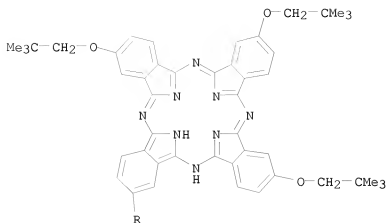
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 10 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 122504-55-6 REGISTRY
 ED Entered STN: 01 Sep 1989
 CN 29H,31H-Phthalocyanine, 2,2'-(1,8-anthracenediyl)bis[9,16,23-tris(2,2-dimethylpropoxy)- (9CI) (CA INDEX NAME)
 MF C108 H102 N16 O6
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, GMELIN*
 (*File contains numerically searchable property data)

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

Uploading C:\Program Files\Stnexp\Queries\0993344.str



```

chain nodes :
15 16 17 18
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14
chain bonds :
15-16 17-18
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13
13-14
exact/norm bonds :
15-16 17-18
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13
13-14

```

G1:i-Pr,i-Bu,s-Bu,t-Bu

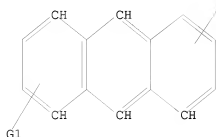
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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom

```

L3 STRUCTURE UPLOADED

=> d
L3 HAS NO ANSWERS
L3 STR



G1 i-Pr, i-Bu, s-Bu, t-Bu

Structure attributes must be viewed using STN Express query preparation.

=> s l3
SAMPLE SEARCH INITIATED 09:59:10 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2656 TO ITERATE

75.3% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 50029 TO 56211
PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3

=> s l3 ful
FULL SEARCH INITIATED 09:59:18 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 54073 TO ITERATE

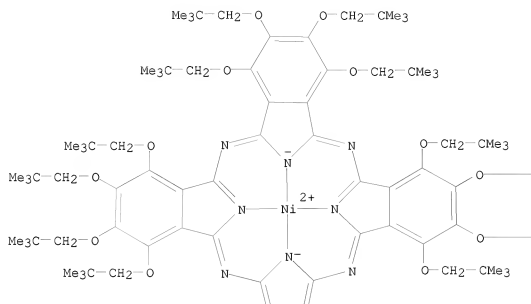
100.0% PROCESSED 54073 ITERATIONS (22 INCOMPLETE) 39 ANSWERS
SEARCH TIME: 00.00.10

L5 39 SEA SSS FUL L3

=> d l5 20-39

L5 ANSWER 20 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN
RN 503603-33-6 REGISTRY
ED Entered STN: 22 Apr 2003
CN Pentacene, 2,9-bis(3,5,5-trimethylhexyl)- (CA INDEX NAME)
OTHER NAMES:
CN 2,9-Di(3,5,5-trimethylhexyl)pentacene
MF C40 H50
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPAT2, USPATFULL

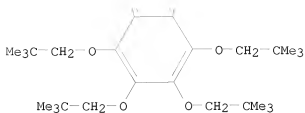
PAGE 1-A



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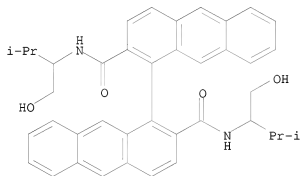
—CH₂—CMe₃—CH₂—CMe₃

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1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

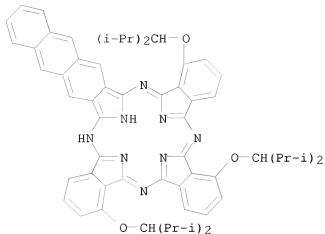
L5 ANSWER 22 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 209003-57-6 REGISTRY
 ED Entered STN: 26 Jul 1998
 CN [1,1'-Bianthracene]-2,2'-dicarboxamide,
 N,N'-bis[(1S)-1-(hydroxymethyl)-2-methylpropyl]-, (1S)- (9CI) (CA INDEX
 NAME)
 MF C40 H40 N2 O4
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 23 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 194613-88-2 REGISTRY
 ED Entered STN: 26 Sep 1997
 CN 33H,35H-Anthra[2,3-b]tribenzo[g,l,q]porphyrazine,
 1,8,15-tris[2-methyl-1-(1-methylethyl)propoxy]- (CA INDEX NAME)
 MF C61 H64 N8 O3
 SR CA
 LC STN Files: CA, CAPLUS



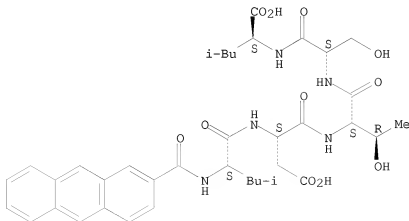
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 24 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN
RN 193218-46-1 REGISTRY
ED Entered STN: 28 Aug 1997
CN L-Leucine, N-(2-anthracenylcarbonyl)-L-leucyl-L-α-aspartyl-L-
threonyl-L-seryl- (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C38 H49 N5 O11
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

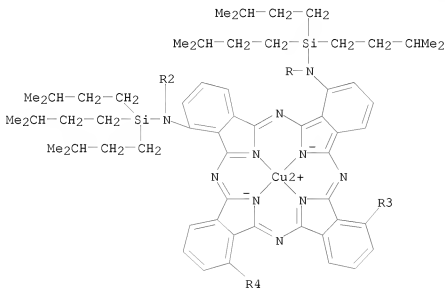


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

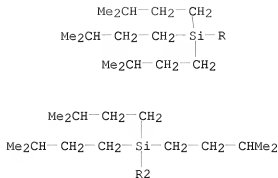
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 25 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN
RN 168637-02-3 REGISTRY
ED Entered STN: 10 Oct 1995
ITERATION INCOMPLETE
CN Copper, [N,N,N',N',N'',N''',N''''-octakis[tris(3-methylbutyl)silyl]-
29H,31H-phthalocyanine-1,8,15,22-tetraminato(2-)-N29,N30,N31,N32]-,
(SP-4-1)- (9CI) (CA INDEX NAME)
MF C152 H276 Cu N12 Si8
CI CCS
SR CA
LC STN Files: CA, CAPLUS

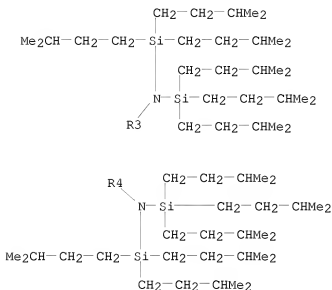
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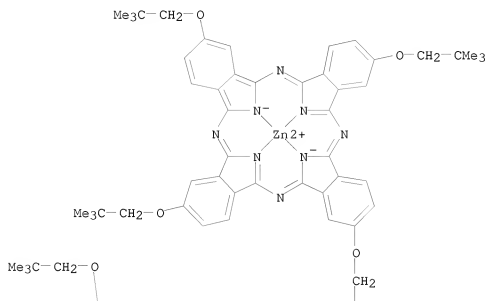


1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

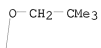
L5 ANSWER 26 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 119724-30-0 REGISTRY
 ED Entered STN: 24 Mar 1989
 ITERATION INCOMPLETE
 CN Zincate(6-), [μ4-[[2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-
 29H,31H-phthalocyanin-2-yl]oxy)methyl]-1,3-
 propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-
 phthalocyaninato]](8-)-N29,N30,N31,N32:N29',N30',N31',N32':N29'',N30'',N31'',N32''':N29''',N30''',N31''',N32''']]tetra- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:

CN 29H, 31H-Phthalocyanine, 2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-
 29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-
 propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-, zinc complex
 MF C193 H188 N32 O16 Zn4
 CI CCS
 SR CA
 LC STN Files: CA, CAPLUS

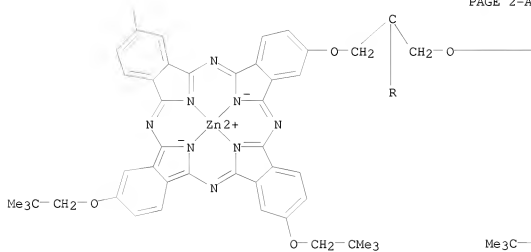
PAGE 1-A



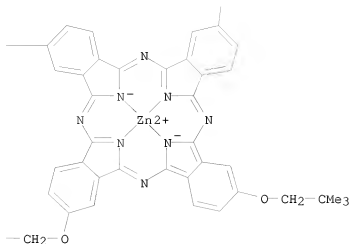
PAGE 1-B



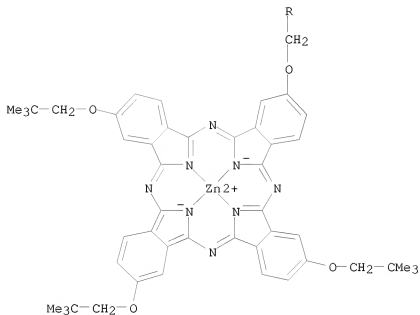
PAGE 2-A



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1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 27 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN

RN 119724-29-7 REGISTRY

ED Entered STN: 24 Mar 1989

ITERATION INCOMPLETE

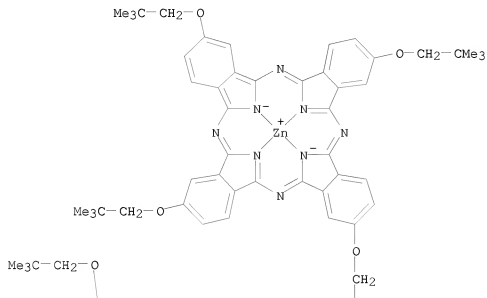
CN Zincate(4-), [μ4-[[2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-

propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyaninato]](8-)-N29,N30,N31,N32:N29',N30',N31',N32':N29'',N30'',N31'',N32'':N29''',N30''',N31''',N32''']]tetra- (9CI) (CA INDEX NAME)

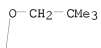
OTHER CA INDEX NAMES:

CN 29H,31H-Phthalocyanine, 2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-, zinc complex
 MF C193 H188 N32 O16 Zn4
 CI CCS
 SR CA
 LC STN Files: CA, CAPLUS

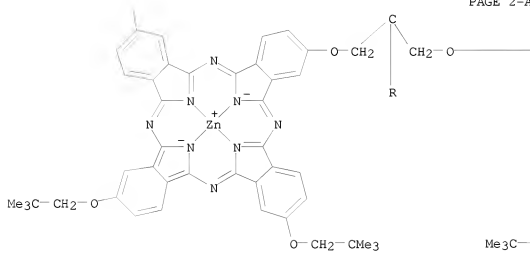
PAGE 1-A



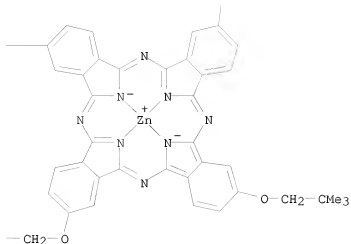
PAGE 1-B



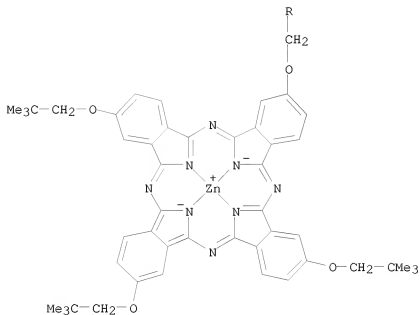
PAGE 2-A



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PAGE 3-A



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 28 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN

RN 119724-28-6 REGISTRY

ED Entered STN: 24 Mar 1989

ITERATION INCOMPLETE

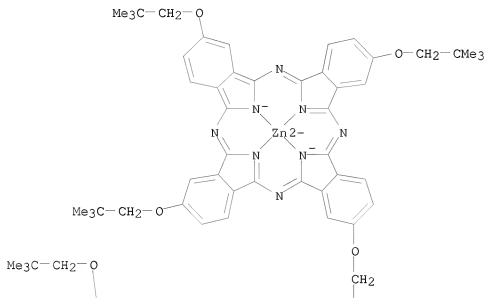
CN Zincate(16-), [μ 4-[[2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-

propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyaninato]](8-)-N29,N30,N31,N32:N29',N30',N31',N32':N29'',N30'',N31'',N32'':N29''',N30''',N31''',N32''']]tetra- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 29H,31H-Phthalocyanine, 2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-, zinc complex
 MF C193 H188 N32 O16 Zn4
 CI CCS
 SR CA
 LC STN Files: CA, CAPLUS

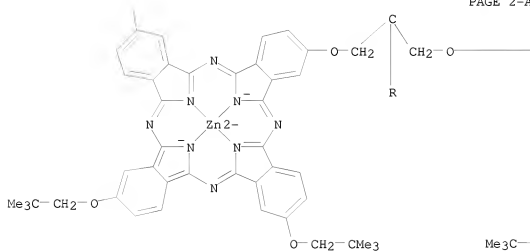
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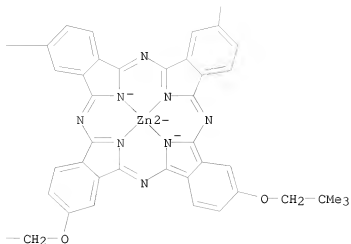
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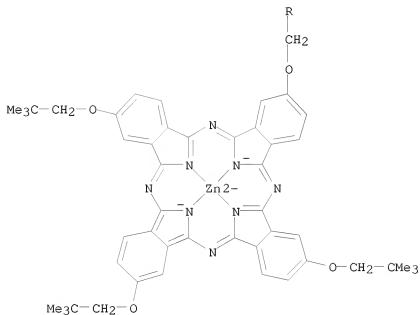
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1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 29 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN

RN 119724-27-5 REGISTRY

ED Entered STN: 24 Mar 1989

ITERATION INCOMPLETE

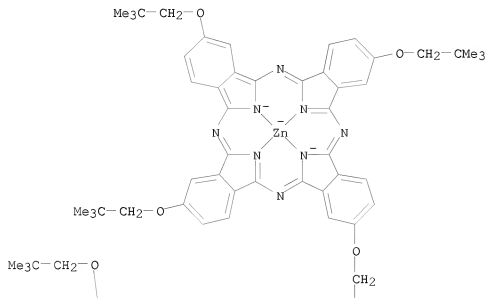
CN Zincate(12-), [μ4-[[2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-

propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyaninato]](8-)-N29,N30,N31,N32:N29',N30',N31',N32':N29'',N30'',N31'',N32'':N29''',N30''',N31''',N32''']]tetra- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 29H,31H-Phthalocyanine, 2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-, zinc complex
 MF C193 H188 N32 O16 Zn4
 CI CCS
 SR CA
 LC STN Files: CA, CAPLUS

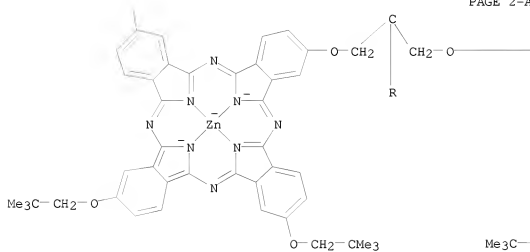
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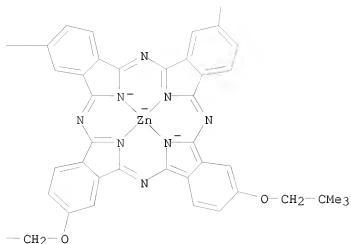
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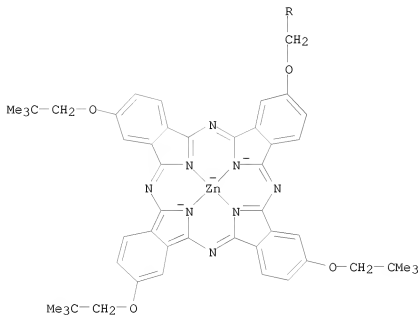
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 30 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN

RN 119724-26-4 REGISTRY

ED Entered STN: 24 Mar 1989

ITERATION INCOMPLETE

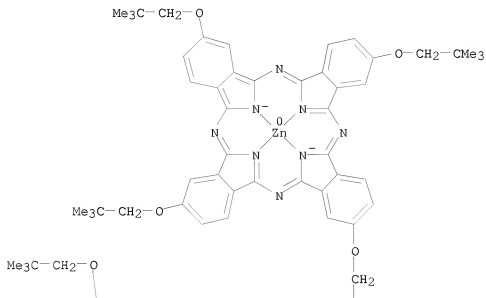
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propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyaninato]](8-)-N29,N30,N31,N32:N29',N30',N31',N32':N29'',N30'',N31'',N32'':N29''',N30''',N31''',N32''']]tetra- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 29H,31H-Phthalocyanine, 2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-, zinc complex
 MF C193 H188 N32 O16 Zn4
 CI CCS
 SR CA
 LC STN Files: CA, CAPLUS

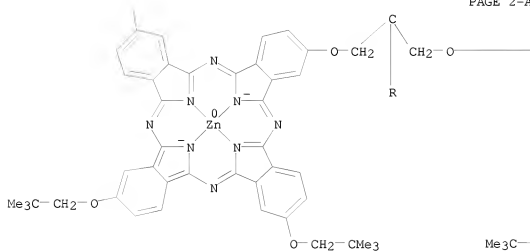
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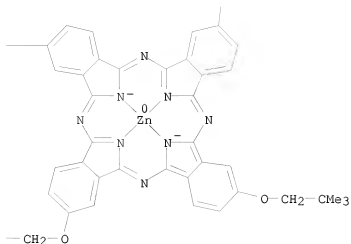
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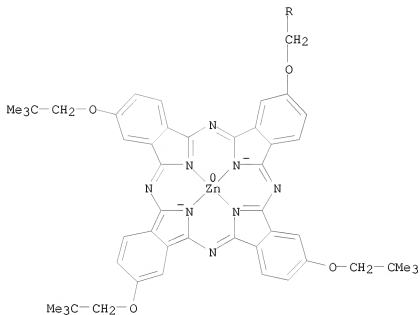
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1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 31 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN

RN 106799-30-8 REGISTRY

ED Entered STN: 28 Feb 1987

ITERATION INCOMPLETE

CN 29H,31H-Phthalocyanine, 2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-
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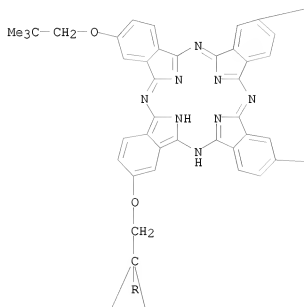
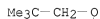
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INDEX NAME)

MF C193 H196 N32 O16

SR CA

LC STN Files: CA, CAPLUS

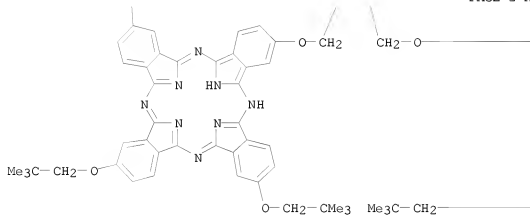
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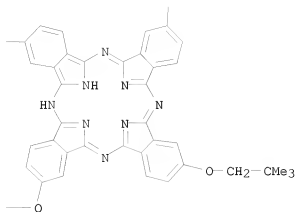
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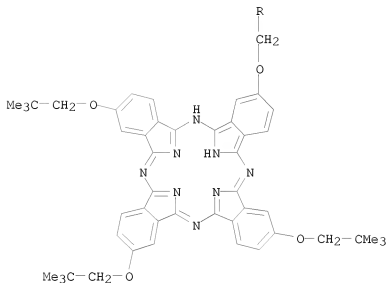
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 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 32 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN

RN 106782-16-5 REGISTRY

ED Entered STN: 21 Feb 1987

ITERATION INCOMPLETE

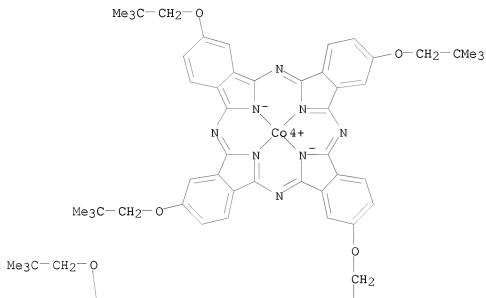
CN Cobalt(8+), [μ4-[[2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-

phthalocyaninato]](8-)-N29,N30,N31,N32:N29',N30',N31',N32':N29'',N30'',N31'',N32'':N29''',N30''',N31''',N32''']]tetra- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 29H,31H-Phthalocyanine, 2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-, cobalt complex
 MF C193 H188 Co4 N32 O16
 CI CCS
 SR CA
 LC STN Files: CA, CAPLUS

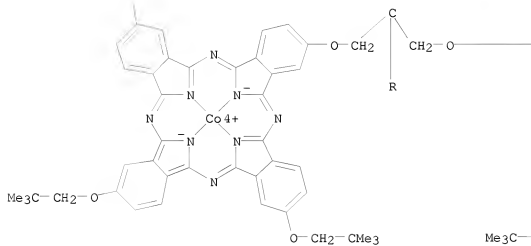
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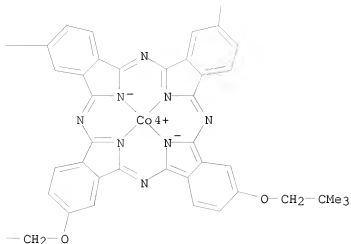
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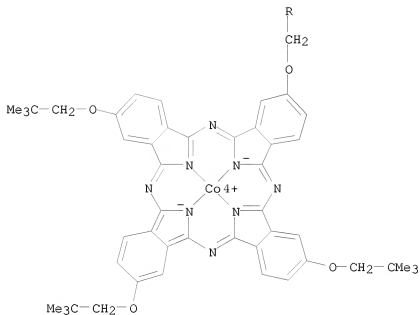
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1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 33 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 106782-15-4 REGISTRY
 ED Entered STN: 21 Feb 1987
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propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyaninato]](8-)-N29,N30,N31,N32:N29',N30',N31',N32':N29'',N30'',N31'',N32'':N29''',N30''',N31''',N32''']]tetra- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 29H,31H-Phthalocyanine, 2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-, cobalt complex

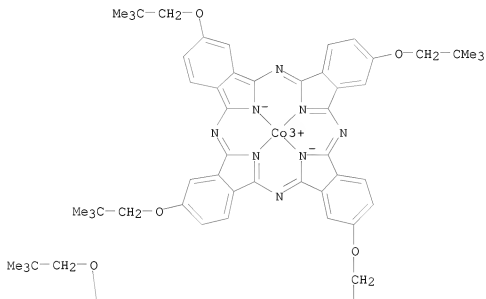
MF C193 H188 Co4 N32 O16

CI CCS

SR CA

LC STN Files: CA, CAPLUS

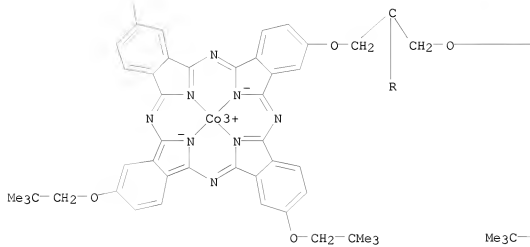
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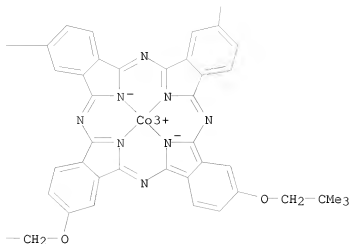
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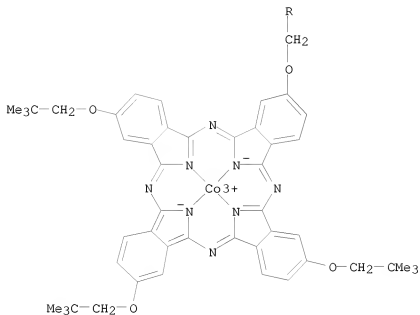
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1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 34 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN

RN 106782-14-3 REGISTRY

ED Entered STN: 21 Feb 1987

ITERATION INCOMPLETE

CN Cobaltate(8-), [μ 4-[[2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-

propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyaninato]](8-)-N29,N30,N31,N32:N29',N30',N31',N32':N29'',N30'',N31'',N32'':N29''',N30''',N31''',N32''']]tetra- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 29H,31H-Phthalocyanine, 2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-, cobalt complex

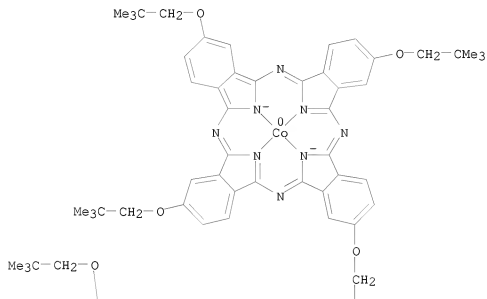
MF C193 H188 Co4 N32 O16

CI CCS

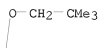
SR CA

LC STN Files: CA, CAPLUS

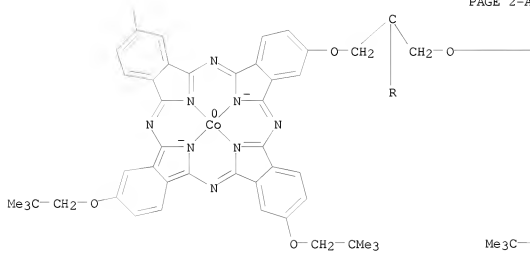
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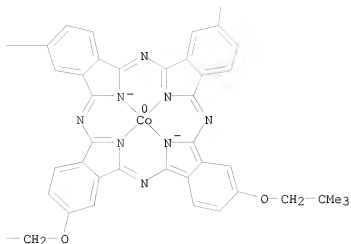
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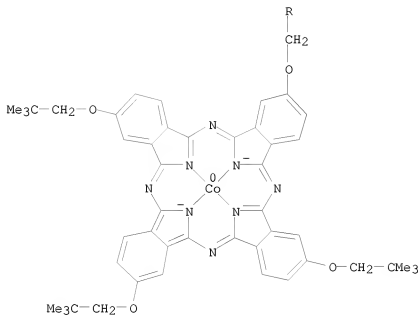
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1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 35 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN

RN 106782-13-2 REGISTRY

ED Entered STN: 21 Feb 1987

ITERATION INCOMPLETE

CN Cobaltate(4-), [μ4-[[2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-

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OTHER CA INDEX NAMES:

CN 29H,31H-Phthalocyanine, 2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-, cobalt complex

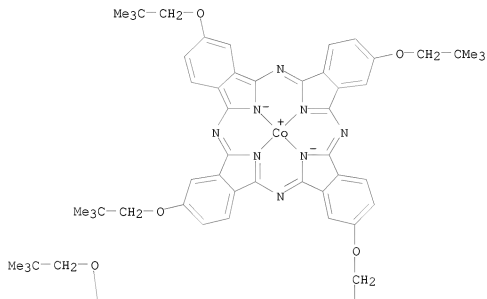
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CI CCS

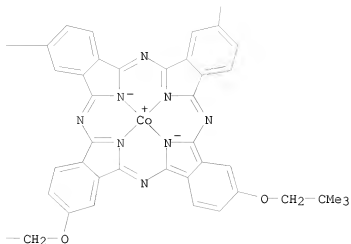
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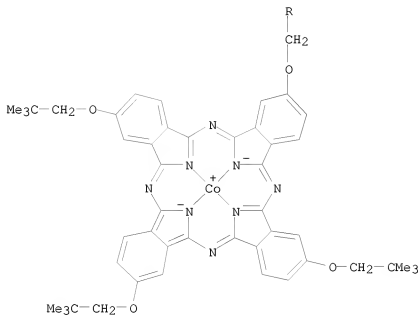
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1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 36 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN

RN 106782-12-1 REGISTRY

ED Entered STN: 21 Feb 1987

ITERATION INCOMPLETE

CN Cobalt, [μ 4-[[2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-

propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyaninato]](8-)-N29,N30,N31,N32:N29',N30',N31',N32':N29'',N30'',N31'',N32'':N29''',N30''',N31''',N32''']]tetra- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 29H,31H-Phthalocyanine, 2,2'-[[2,2-bis[[[9,16,23-tris(2,2-dimethylpropoxy)-29H,31H-phthalocyanin-2-yl]oxy]methyl]-1,3-propanediyl]bis(oxy)]bis[9,16,23-tris(2,2-dimethylpropoxy)-, cobalt complex

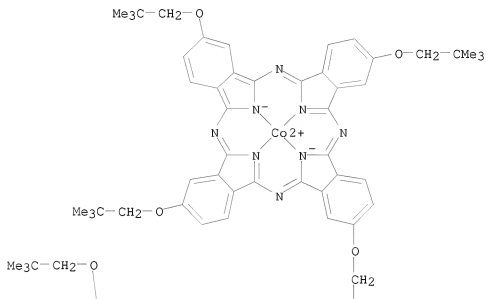
MF C193 H188 Co4 N32 O16

CI CCS

SR CA

LC STN Files: CA, CAPLUS

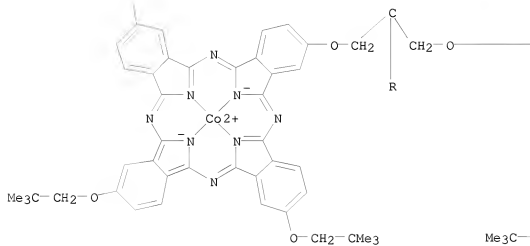
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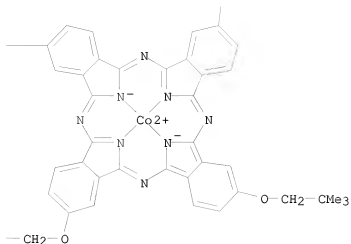
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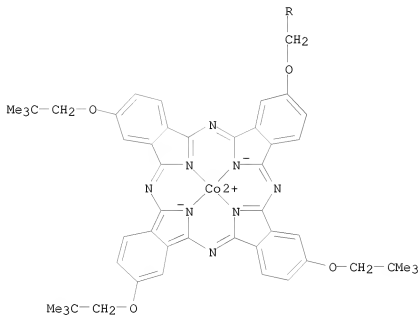
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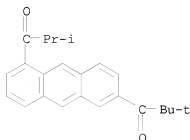
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 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 37 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 76324-93-1 REGISTRY
 ED Entered STN: 16 Nov 1984
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 INDEX NAME)
 MF C23 H24 O2

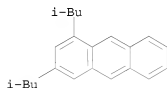
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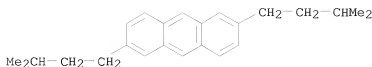
L5 ANSWER 38 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN
RN 74654-84-5 REGISTRY
ED Entered STN: 16 Nov 1984
CN Anthracene, 1,3-bis(2-methylpropyl)- (CA INDEX NAME)
MF C22 H26
LC STN Files: CA, CAPLUS



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L5 ANSWER 39 OF 39 REGISTRY COPYRIGHT 2008 ACS on STN
RN 38251-18-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN Anthracene, 2,6-bis(3-methylbutyl)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
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MF C24 H30
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
232.20	232.41

FULL ESTIMATED COST

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FILE COVERS 1907 - 29 Dec 2008 VOL 150 ISS 1
FILE LAST UPDATED: 28 Dec 2008 (20081228/ED)

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=> s 15
L6 31 L5

=> d 16 1-31

L6 ANSWER 1 OF 31 CAPLUS COPYRIGHT 2008 ACS ON STN
AN 2008:1427645 CAPLUS
TI New fluorescent chemical sensors for detection of citrate and citric acid
IN Galindo Honrubia, Francisco; Luis Lafuente, Santiago Vicente; Burguete Azcarate, Maria Isabel; Vigara Rodriguez, Laura

PA Universitat Jaume I, Spain
 SO PCT Int. Appl., 44pp.
 CODEN: PIXXD2
 DT Patent
 LA Spanish
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2008142177	A1	20081127	WO 2008-ES271	20080419
	W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	ES 2308932	A1	20081201	ES 2007-1456	20070523
	PRAI ES 2007-1456	A	20070523		

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 31 CAPLUS COPYRIGHT 2008 ACS ON STN
 AN 2008:358891 CAPLUS
 DN 148:509057
 TI One- and two-photon fluorescent polyhedral oligosilsesquioxane (POSS) nanosensor arrays for the remote detection of analytes in clouds, in solution, and on surfaces
 AU Hartmann-Thompson, Claire; Keeley, Douglas L.; Pollock, Kathleen M.; Dvornic, Petar R.; Keinath, Steven E.; Dantus, Marcos; Gunaratne, Tissa C.; LeCaptain, Dale J.
 CS Michigan Molecular Institute, Midland, MI, 48640-2696, USA
 SO Chemistry of Materials (2008), 20(8), 2829-2838
 CODEN: CMATEX; ISSN: 0897-4756
 PB American Chemical Society
 DT Journal
 LA English
 OS CASREACT 148:509057
 RE.CNT 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 31 CAPLUS COPYRIGHT 2008 ACS ON STN
 AN 2008:128603 CAPLUS
 DN 148:356121
 TI Semi-synthesis of polymyxin B (2-10) and colistin (2-10) analogs employing the trichloroethoxycarbonyl (Troc) group for side chain protection of α, γ -diaminobutyric acid residues
 AU Okimura, Keiko; Ohki, Kazuhiro; Sato, Yuki; Ohnishi, Kuniharu; Sakura, Naoki
 CS Faculty of Pharmaceutical Sciences, Hokuriku University, Kanagawa-machi, Kanazawa, 920-1181, Japan
 SO Chemical & Pharmaceutical Bulletin (2007), 55(12), 1724-1730
 CODEN: CPBTAL; ISSN: 0009-2363

PB Pharmaceutical Society of Japan

DT Journal

LA English

OS CASREACT 148:356121

RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2007:1240626 CAPLUS

DN 147:495084

TI Aromatic semiconductors, organic semiconductor films, organic semiconductor devices, and organic thin-film transistors (TFT)

IN Katakura, Toshie; Ozeki, Hidekane; Okubo, Yasushi; Kita, Hiroshi

PA Konica Minolta Holdings, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 27pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2007288033	A	20071101	JP 2006-115409	20060419
PRAI	JP 2006-115409		20060419		
OS	MARPAT 147:495084				

L6 ANSWER 5 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2007:911303 CAPLUS

DN 147:266975

TI Organic semiconductors, organic semiconductor films, organic semiconductor devices, and organic thin-film transistors

IN Okubo, Yasushi; Katakura, Toshie; Ozeki, Hidekane; Kita, Hiroshi

PA Konica Minolta Holdings, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 25pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2007207966	A	20070816	JP 2006-24292	20060201
PRAI	JP 2006-24292		20060201		

L6 ANSWER 6 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2007:150525 CAPLUS

DN 146:239397

TI High density 3D optical data storage

IN Drobizhev, Mikhail; Rebane, Aleksander; Spahni, Heinz; Spangler, Charles W.; Wolleb, Heinz

PA Ciba Specialty Chemicals Holding Inc., Switz.; Montana State University

SO PCT Int. Appl., 29pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007014849	A2	20070208	WO 2006-EP64392	20060719

WO 2007014849 A3 20070503
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
 EP 1920436 A2 20080514 EP 2006-777843 20060719
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR
 PRAI US 2005-703387P P 20050728
 US 2005-708544P P 20050816
 US 2005-734341P P 20051107
 US 2005-748349P P 20051207
 WO 2006-EP64392 W 20060719
 OS MARPAT 146:239397
 L6 ANSWER 7 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2006:1148438 CAPLUS
 DN 146:151103
 TI Experimental characterization of two-photon materials for fast rewritable optical data storage
 AU Makarov, Nikolay; Drobizhev, Mikhail; Rebane, Aleks; Peone, Desiree; Wolleb, Heinz; Spahni, Heinz
 CS Dept. of Physics, Montana State Univ., Bozeman, MT, 59717, USA
 SO Proceedings of SPIE-The International Society for Optical Engineering (2006), 6330(Nonlinear Optical Transmission and Multiphoton Processes in Organics IV), 63300K/1-63300K/12
 CODEN: PSISDG; ISSN: 0277-786X
 PB SPIE-The International Society for Optical Engineering
 DT Journal
 LA English
 RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
 L6 ANSWER 8 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2006:550540 CAPLUS
 DN 145:512965
 TI Investigation of femtosecond photon echo in dye-doped polymer film at room temperature
 AU Zuikov, V. A.; Lobkov, V. S.; Salikhov, K. M.; Samartsev, V. V.; Safiullin, G. M.
 CS Kazan. Fiz. Tekh. Inst. im. E. K. Zavoiskogo, Kazan, Russia
 SO Izvestiya Rossiiskoi Akademii Nauk, Seriya Fizicheskaya (2006), 70(4), 473-476
 CODEN: IRAFEO; ISSN: 1026-3489
 PB Nauka
 DT Journal
 LA Russian
 L6 ANSWER 9 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2006:484874 CAPLUS
DN 145:158322
TI Red manganese phthalocyanines from highly hindered
hexadecaalkoxyphthalocyanines
AU Leznoff, Clifford C.; Black, L. Scott; Hiebert, Annette; Causey, Patrick
W.; Christendat, Dharamdat; Lever, A. B. P.
CS Department of Chemistry, York University, Toronto, ON, M3J 1P3, Can.
SO Inorganica Chimica Acta (2006), 359(9), 2690-2699
CODEN: ICHAA3; ISSN: 0020-1693
PB Elsevier B.V.
DT Journal
LA English
OS CASREACT 145:158322
RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 10 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:619416 CAPLUS
DN 143:248021
TI Two-photon absorption properties of 2,6-bis(styryl)anthracene derivatives:
Effects of donor-acceptor substituents and the π center
AU Yang, Wen Jun; Kim, Dae Young; Jeong, Mi-Yun; Kim, Hwan Myung; Lee, Yun
Kyoung; Fang, Xingzhong; Jeon, Seung-Joon; Cho, Bong Rae
CS Molecular Opto-Electronics Laboratory Department of Chemistry and Center
for Electro- and Photo-Responsive Molecules, Korea University, Seoul,
136-701, S. Korea
SO Chemistry--A European Journal (2005), 11(14), 4191-4198
CODEN: CEUJED; ISSN: 0947-6539
PB Wiley-VCH Verlag GmbH & Co. KGaA
DT Journal
LA English
OS CASREACT 143:248021
RE.CNT 59 THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 11 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:42061 CAPLUS
DN 142:261287
TI Synthesis of anthracene ethers from anthracene methyl ethers via an
acid-catalyzed exchange reaction
AU Lin, Chih-Hsiu; Radhakrishnan, Krishnan
CS Institute of Chemistry, Academia Sinica, Taichung, Taipei, 115, Taiwan
SO Chemical Communications (Cambridge, United Kingdom) (2005), (4), 504-506
CODEN: CHCOFS; ISSN: 1359-7345
PB Royal Society of Chemistry
DT Journal
LA English
OS CASREACT 142:261287
RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 12 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:1059431 CAPLUS
DN 142:40084
TI Phthalocyanine compounds and their preparation method
IN Lever, Barry A. P.; Leznoff, Clifford
PA York University, Can.

SO PCT Int. Appl., 30 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004106436	A1	20041209	WO 2004-CA808	20040531
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRAI US 2003-474300P

P

20030530

OS CASREACT 142:40084; MARPAT 142:40084

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 13 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:254627 CAPLUS

DN 141:267456

TI Electron-phonon coupling in two-photon spectral gratings: role of molecular symmetry

AU Drobizhev, M.; Dzenis, Yu.; Karotki, A.; Rebane, A.

CS Department of Physics, Montana State University, Bozeman, MT, 59717-3840, USA

SO Journal of Luminescence (2004), 107(1-4), 194-202

CODEN: JLUMA8; ISSN: 0022-2313

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 14 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2003:435364 CAPLUS

DN 139:15943

TI Design of semiconductor devices composed of pentacene derivatives

IN Smith, Terrance P.; Vogel, Dennis E.; Vogel, Kim M.

PA 3M Innovative Properties Company, USA

SO U.S. Pat. Appl. Publ., 19 pp., Cont.-in-part of U.S. Ser. No. 966,961.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20030105365	A1	20030605	US 2002-256616	20020927
	US 6864396	B2	20050308		
	CN 1582506	A	20050216	CN 2002-822123	20020927
	AT 331304	T	20060715	AT 2002-763754	20020927

PRAI US 2001-966961 A2 20010927
 OS MARPAT 139:15943
 RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 15 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2003:414124 CAPLUS
 DN 139:6688
 TI Process for preparing pentacene derivatives
 IN Vogel, Dennis E.; Vogel, Kim M.
 PA 3M Innovative Properties Company, USA
 SO U.S. Pat. Appl. Publ., 35 pp., Cont.-in-part of U.S. Ser. No. 966,954.
 CODEN: USXXCO

DT Patent
 LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20030100779	A1	20030529	US 2002-256489	20020927
	US 6974877	B2	20051213		
	US 20030097010	A1	20030522	US 2001-966954	20010927
	US 20050288522	A1	20051229	US 2005-205602	20050817
PRAI	US 2001-966954	A2	20010927		
	US 2002-256489	A3	20020927		
OS	CASREACT 139:6688; MARPAT 139:6688				

RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 16 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2003:262124 CAPLUS
 DN 138:271405
 TI Preparation of dialkylpentacenes as semiconductor materials
 IN Smith, Terrance P.; Vogel, Dennis E.; Vogel, Kim M.
 PA 3M Innovative Properties Company, USA
 SO PCT Int. Appl., 54 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003028125	A2	20030403	WO 2002-US30704	20020927
	WO 2003028125	A3	20030703		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG				
AU	2002327747	A1	20030407	AU 2002-327747	20020927
EP	1433211	A2	20040630	EP 2002-763754	20020927
EP	1433211	B1	20060621		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK
 CN 1582506 A 20050216 CN 2002-822123 20020927
 JP 2005504811 T 20050217 JP 2003-531543 20020927
 AT 331304 T 20060715 AT 2002-763754 20020927
 PRAI US 2001-966961 A 20010927
 WO 2002-US30704 W 20020927
 OS MARPAT 138:271405

L6 ANSWER 17 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2003:261793 CAPLUS
 DN 138:287416
 TI Process for preparing pentacene derivatives useful as semiconductors
 involving Friedel-Crafts cyclization of bis(benzyl)phthalic acids in
 presence of trifluoromethanesulfonic acid
 IN Vogel, Dennis E.; Vogel, Kim M.
 PA 3M Innovative Properties Company, USA
 SO PCT Int. Appl., 68 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003027050	A2	20030403	WO 2002-US30722	20020927
	WO 2003027050	A3	20040304		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TG, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 20030097010	A1	20030522	US 2001-966954	20010927
	AU 2002337722	A1	20030407	AU 2002-337722	20020927
	EP 1430008	A2	20040623	EP 2002-773612	20020927
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
	JP 2005504096	T	20050210	JP 2003-530642	20020927
	CN 1592729	A	20050309	CN 2002-823357	20020927
PRAI	US 2001-966954	A	20010927		
	WO 2002-US30722	W	20020927		
OS	CASREACT 138:287416; MARPAT 138:287416				

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 19 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:283342 CAPLUS
DN 137:56462
TI The syntheses and NMR studies of hexadeca- and
octaneopentoxypthalocyanines
AU Bhardwaj, Namrata; Andraos, John; Leznoff, Clifford C.
CS Department of Chemistry, York University, Toronto, ON, M3J 1P3, Can.
SO Canadian Journal of Chemistry (2002), 80(2), 141-147
CODEN: CJCHAG; ISSN: 0008-4042
PB National Research Council of Canada
DT Journal
LA English
OS CASREACT 137:56462
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 20 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1998:268838 CAPLUS
DN 129:67725
OREF 129:14055a,14058a
TI New axially chiral bis(dihydrooxazoles) as ligands in stereoselective
transition-metal catalysis
AU Rippert, Andreas Johannes
CS Organisch-Chemisches Institut, Universitaet Zuerich, Zurich, CH-8057,
Switz.
SO Helvetica Chimica Acta (1998), 81(4), 676-687
CODEN: HCACAV; ISSN: 0018-019X
PB Verlag Helvetica Chimica Acta AG
DT Journal
LA English
OS CASREACT 129:67725

L6 ANSWER 21 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1997:543532 CAPLUS
DN 127:134690
OREF 127:25973a,25976a
TI Inhibitors of MACCAM-1-mediated interactions and methods of use therefor
IN Schwender, Charles F.; Shroff, Hitesh N.
PA Leukosite, Inc., USA
SO PCT Int. Appl., 107 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9725351	A2	19970717	WO 1997-US291	19970103
WO 9725351	A3	19970918		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, GR, SZ, BE, FR, IE, IT, MC, NL, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				

RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

US 6037324	A	20000314	US 1996-582740	19960104
CA 2241169	A1	19970717	CA 1997-2241169	19970103
AU 9722415	A	19970801	AU 1997-22415	19970103
AU 721615	B2	20000713		
EP 871670	A2	19981021	EP 1997-905564	19970103
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2000503203	T	20000321	JP 1997-525381	19970103
US 6274556	B1	20010814	US 1998-109879	19980702
US 20020103111	A1	20020801	US 2001-859214	20010516
PRAI US 1996-582740	A2	19960104		
WO 1997-US291	W	19970103		
US 1998-109879	A1	19980702		
OS MARPAT 127:134690				

L6 ANSWER 22 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1997:518477 CAPLUS
 DN 127:212398
 OREF 127:41176h,41177a
 TI Phthalonaphthalocyanines: New Far-Red Dyes for Spectral Hole Burning
 AU Renge, Indrek; Wolleb, Heinz; Spahni, Heinz; Wild, Urs P.
 CS Physical Chemistry Laboratory, ETH-Zentrum, Zurich, CH-8092, Switz.
 SO Journal of Physical Chemistry A (1997), 101(35), 6202-6213
 CODEN: JPCAFH; ISSN: 1089-5639
 PB American Chemical Society
 DT Journal
 LA English
 RE.CNT 58 THERE ARE 58 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1995:785260 CAPLUS
 DN 123:242161
 OREF 123:43023a,43026a
 TI Optical recording material using phthalocyanine derivative
 IN Tomura, Tatsuya; Sato, Tsutomu; Sasa, Noboru
 PA Ricoh Kk, Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 07156550	A	19950620	JP 1993-339744	19931206
PRAI	JP 1993-339744		19931206		
OS	MARPAT 123:242161				

L6 ANSWER 24 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1989:466590 CAPLUS
 DN 111:66590
 OREF 111:11103a,11106a
 TI Dioxygen reduction at a graphite electrode modified by mononuclear tetranoeptoxypthalocyaninatocobalt(II) and related polynuclear species

- AU Janda, Pavel; Kobayashi, Nagao; Auburn, Pamela R.; Lam, Herman; Leznoff, Clifford C.; Lever, A. B. P.
CS Dep. Chem., York Univ., North York, ON, M3J 1P3, Can.
SO Canadian Journal of Chemistry (1989), 67(6), 1109-19
CODEN: CJCHAG; ISSN: 0008-4042
DT Journal
LA English
- L6 ANSWER 25 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1989:143348 CAPLUS
DN 110:143348
OREF 110:23527a,23530a
TI Electrochemistry and spectroelectrochemistry of polynuclear zinc phthalocyanines: formation of mixed valence cation radical species
AU Manivannan, V.; Nevin, W. Andrew; Leznoff, Clifford C.; Lever, A. B. P.
CS Dep. Chem., York Univ., North York, ON, M3J 1P3, Can.
SO Journal of Coordination Chemistry (1988), 19(1-3), 139-58
CODEN: JCCMBQ; ISSN: 0095-8972
DT Journal
LA English
- L6 ANSWER 26 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1988:576962 CAPLUS
DN 109:176962
OREF 109:29219a,29222a
TI Monolayer characteristics of some multinucleate phthalocyanines
AU Kim, J. H.; Cotton, T. M.; Uphaus, R. A.; Leznoff, C. C.
CS Dep. Chem., Univ. Nebraska, Lincoln, NE, 68588-0304, USA
SO Thin Solid Films (1988), 159, 141-7
CODEN: THSFAP; ISSN: 0040-6090
DT Journal
LA English
- L6 ANSWER 27 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1987:112593 CAPLUS
DN 106:112593
OREF 106:18251a,18254a
TI Synthesis, aggregation, electrocatalytic activity, and redox properties of a tetranuclear cobalt phthalocyanine
AU Nevin, W. A.; Liu, W.; Greenberg, S.; Hempstead, M. R.; Marcuccio, S. M.; Melnik, M.; Leznoff, C. C.; Lever, A. B. P.
CS Dep. Chem., York Univ., North York, ON, M3J 1P3, Can.
SO Inorganic Chemistry (1987), 26(6), 891-9
CODEN: INOCAJ; ISSN: 0020-1669
DT Journal
LA English
- L6 ANSWER 28 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1981:47023 CAPLUS
DN 94:47023
OREF 94:7661a,7664a
TI Anthracene derivatives
PA Teijin Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55053235	A	19800418	JP 1978-126855	19781017
PRAI	JP 1978-126855	A	19781017		

L6 ANSWER 29 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1980:514193 CAPLUS

DN 93:114193

OREF 93:182688,18269a

TI Tetraisoobutrylanthracene in chemiluminescence compositions

IN Harada, Toshiaki; Hiramatsu, Toshuki; Yamaji, Teizo

PA Teijin Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55038804	A	19800318	JP 1978-110609	19780911
	JP 62000893	B	19870110		
PRAI	JP 1978-110609	A	19780911		

L6 ANSWER 30 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1972:514111 CAPLUS

DN 77:114111

OREF 77:18797a,18800a

TI Alkylation of anthracene with alcohols in the presence of zinc chloride

AU Porshakova, K. I.; Kuchkarov, A. B.; Narbut, S. P.

CS USSR

SO Tr. Tashkent. Politekh. Inst. (1970), No. 64, 55-61

From: Ref. Zh., Khim. 1971, Abstr. No. 22Zh358

DT Journal

LA Russian

L6 ANSWER 31 OF 31 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1963:27090 CAPLUS

DN 58:27090

OREF 58:4488g-h,4489a-b

TI Alkylation of anthracene with alcohols in the presence of zinc chloride

AU Porshakova, K. I.; Kuchkarev, A. B.

SO Uzbekskaia Khimicheskii Zhurnal (1962), 6(No. 2), 51-6

CODEN: UZKZAC

DT Journal

LA Unavailable

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

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FULL ESTIMATED COST

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DICTIONARY FILE UPDATES: 26 DEC 2008 HIGHEST RN 1090514-45-6

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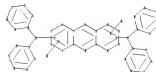
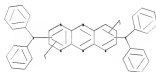
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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

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chain nodes :

15 16 17 18 21 22 23 24

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 25 26 27 28 29 30 31 32 33
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48

```

chain bonds :
15-16 17-18 21-22 22-25 22-26 23-24 24-27 24-28
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13
13-14 25-39 25-43 26-44 26-48 27-34 27-38 28-29 28-33 29-30 30-31 31-32
32-33 34-35 35-36 36-37 37-38 39-40 40-41 41-42 42-43 44-45 45-46 46-47
47-48
exact/norm bonds :
15-16 17-18 21-22 22-25 22-26 23-24 24-27 24-28
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13
13-14 25-39 25-43 26-44 26-48 27-34 27-38 28-29 28-33 29-30 30-31 31-32
32-33 34-35 35-36 36-37 37-38 39-40 40-41 41-42 42-43 44-45 45-46 46-47
47-48

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G1:i-Pr,i-Bu,s-Bu,t-Bu

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Match level :
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22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom
31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom
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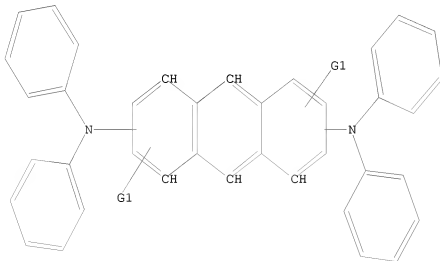
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L7 HAS NO ANSWERS

L7 STR



G1 i-Pr,i-Bu,s-Bu,t-Bu

Structure attributes must be viewed using SIN Express query preparation.

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100.0% PROCESSED 342 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

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PROJECTED ANSWERS: 0 TO 0

L8 0 SEA SSS SAM L7

=> s l7 ful

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FULL SCREEN SEARCH COMPLETED - 6824 TO ITERATE

100.0% PROCESSED 6824 ITERATIONS (1 INCOMPLETE)

2 ANSWERS

SEARCH TIME: 00.00.02

L9 2 SEA SSS FUL L7

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L9 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2008 ACS on STN

RN 863194-24-5 REGISTRY

ED Entered STN: 15 Sep 2005

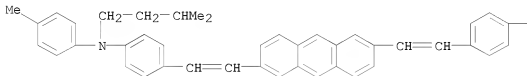
CN Benzenamine, 4,4'-(2,6-anthracenediylldi-2,1-ethenediyl)bis[N-(3-methylbutyl)-N-(4-methylphenyl)- (9CI) (CA INDEX NAME)

MF C54 H56 N2

SR CA

LC STN Files: CA, CAPLUS, CASREACT

PAGE 1-A



PAGE 1-A

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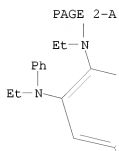
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Ph

Ph

PAGE 1-C

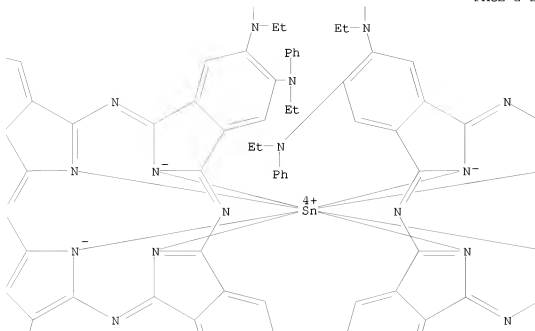
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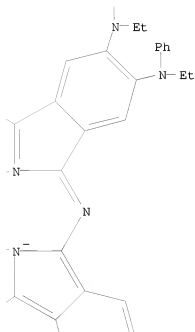
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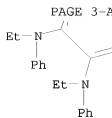
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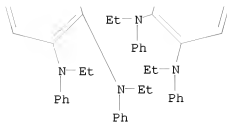
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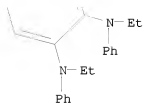
PAGE 3-A



PAGE 3-B



PAGE 3-C



- 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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```

chain nodes :
16 17 18 19
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43
chain bonds :
16-17 17-20 17-21 18-19 19-22 19-23
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13
13-14 20-34 20-38 21-39 21-43 22-29 22-33 23-24 23-28 24-25 25-26 26-27
27-28 29-30 30-31 31-32 32-33 34-35 35-36 36-37 37-38 39-40 40-41 41-42
42-43
exact/norm bonds :
16-17 17-20 17-21 18-19 19-22 19-23
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13
13-14 20-34 20-38 21-39 21-43 22-29 22-33 23-24 23-28 24-25 25-26 26-27
27-28 29-30 30-31 31-32 32-33 34-35 35-36 36-37 37-38 39-40 40-41 41-42
42-43

```

G1:i-Pr,i-Bu,s-Bu,t-Bu

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom
21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom
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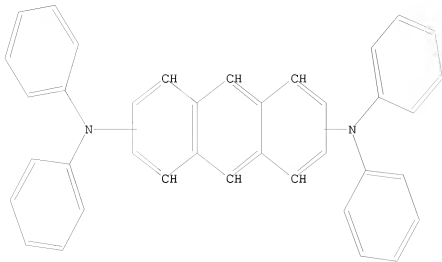
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L10 STRUCTURE UPLOADED

=> d

L10 HAS NO ANSWERS

L10 STR



G1 i-Pr, i-Bu, s-Bu, t-Bu

Structure attributes must be viewed using STN Express query preparation.

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100.0% PROCESSED 342 ITERATIONS

0 ANSWERS

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BATCH **COMPLETE**

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PROJECTED ANSWERS: 0 TO 0

L11 0 SEA SSS SAM L10

=> s l10 ful

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FULL SCREEN SEARCH COMPLETED - 6824 TO ITERATE

100.0% PROCESSED 6824 ITERATIONS (1 INCOMPLETE)

2 ANSWERS

SEARCH TIME: 00.00.02

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L12 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2008 ACS on STN

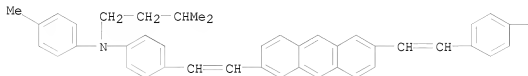
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ED Entered STN: 15 Sep 2005

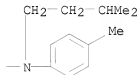
CN Benzenamine, 4,4'-(2,6-anthracenediylidene-2,1-ethenediyl)bis[N-(3-methylbutyl)-N-(4-methylphenyl)- (9CI) (CA INDEX NAME)

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MF    C54 H56 N2
SR    CA
LC    STN Files:  CA, CAPLUS, CASREACT
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PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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L12 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2008 ACS on STN
RN 123833-95-4 REGISTRY
ED Entered STN: 17 Nov 1989
ITERATION INCOMPLETE
CN Tin, bis[N,N'',N''',N'''',N''''',N''''',N''''',N''''']-octaethyl-
N,N',N'',N''',N''''',N''''',N''''',N''''']-octaphenyl-29H,31H-
phthalocyanine-2,3,9,10,16,17,23,24-octaminato(2-)-N29,N30,N31,N32]- (9CI)
(CA INDEX NAME)
OTHER CA NAMES:
CN 29H,31H-Phthalocyanine-2,3,9,10,16,17,23,24-octamine,
N,N',N'',N''',N''''',N''''',N''''',N''''']-octaethyl-,
N,N',N'',N''',N''''',N''''',N''''',N''''']-octaphenyl-, tin complex
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CI CCS
SR CA
LC STN Files: CA, CAPLUS
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PAGE 1-A

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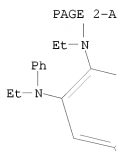
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Ph

Ph

PAGE 1-C

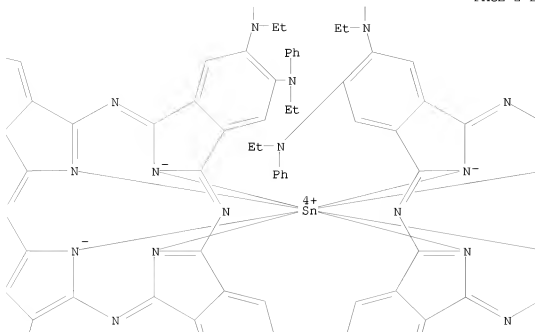
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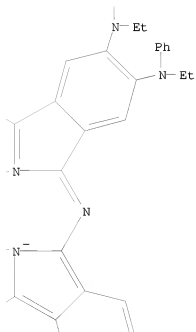
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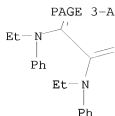


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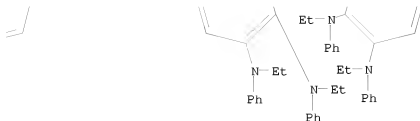


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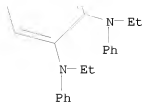




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PAGE 3-C



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TOTAL

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FILE LAST UPDATED: 28 Dec 2008 (20081228/ED)

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<http://www.cas.org/legal/infopolicy.html>

=> s l12

L13 2 L12

=> d l13 1-2

L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:619416 CAPLUS

DN 143:248021

TI Two-photon absorption properties of 2,6-bis(styryl)anthracene derivatives: Effects of donor-acceptor substituents and the π center

AU Yang, Wen Jun; Kim, Dae Young; Jeong, Mi-Yun; Kim, Hwan Myung; Lee, Yun Kyung; Fang, Xingzhong; Jeon, Seung-Joon; Cho, Bong Rae

CS Molecular Opto-Electronics Laboratory Department of Chemistry and Center for Electro- and Photo-Responsive Molecules, Korea University, Seoul, 136-701, S. Korea

SO Chemistry--A European Journal (2005), 11(14), 4191-4198

CODEN: CEUJED; ISSN: 0947-6539

PB Wiley-VCH Verlag GmbH & Co. KGaA

DT Journal

LA English

OS CASREACT 143:248021

RE.CNT 59 THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1989:644430 CAPLUS

DN 111:244430

OREF 111:40386h,40387a

TI Dipthalocyanine near infrared light-absorber for optical recording medium

IN Ito, Naoto; Nishizawa, Isao; Oguchi, Takahisa; Nakatsuka, Masakatsu;

Enomoto, Tsuyoshi

PA Mitsui Toatsu Chemicals, Inc., Japan; Yamamoto Kasei K. K.

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 01108265	A	19890425	JP 1987-262594	19871020
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PRAI	JP 1987-262594		19871020		
OS	MARPAT 111:244430				

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